

**COMPOSITIONS AND METHODS FOR TREATING
CANCER AND HYPERPROLIFERATIVE DISORDERS**

5 **ABSTRACT OF THE INVENTION**

 Compositions and methods effective for eliciting
an immune response for inhibiting abnormal or undesirable
cell proliferation, particularly endothelial cell proliferation
and angiogenesis related to neovascularization and tumor
10 growth are provided. The compositions comprise a naturally
occurring or synthetic protein, peptide, or protein fragment
containing all or an active portion of a growth factor in a
pharmaceutically acceptable carrier. The preferred growth
factors comprise basic fibroblast growth factor and vascular
15 endothelial growth factor. The methods involve administering
to a human or animal the compositions described herein in a
dosage sufficient to elicit an immune response. The methods
are useful for treating diseases and processes mediated by
undesired and uncontrolled cell proliferation, such as cancer,
20 particularly where uncontrolled cell proliferation is influenced
by the presence of growth factors. Administration of the
composition to a human or animal having metastasized tumors
is useful for preventing the growth or expansion of such
tumors.

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